

=> FIL REG  
FILE 'REGISTRY' ENTERED AT 16:06:18 ON 29 MAY 2009  
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=> D HIS

FILE 'HCAPLUS' ENTERED AT 11:17:39 ON 29 MAY 2009  
E US20070092656/PN  
L1 1 S E3  
SEL L1 RN

FILE 'REGISTRY' ENTERED AT 11:18:13 ON 29 MAY 2009  
L2 6 S E1-6  
E 4-(4-PHENOXYCARBONYLOXY) BUTYL-2-OXO-1,3-DIOXOLANE/CN  
E 4-(4-PHENOXYCARBONYLOXY) BUTYL-2-OXO-1,3-DIOXOLANE/CN

FILE 'LREGISTRY' ENTERED AT 11:30:17 ON 29 MAY 2009  
L3 371 S 1,3-DIOXOLANE?/CNS  
L4 0 S ?PHENOXYCARBONYLOXL?/CNS  
L5 5179 S ?BUTYL?/CNS  
L6 7 S L3 AND L5  
E C11 H10 O6/MF  
L7 8 S E3  
L8 371 S 1,3-DIOXOLANE?/CNS  
L9 5179 S ?BUTYL?/CNS  
L10 7 S L8 AND L9

FILE 'REGISTRY' ENTERED AT 12:33:09 ON 29 MAY 2009  
E C12 H14 N2 O3/MF  
L11 1 S E3 AND L2  
E C11 H10 O6/MF  
L12 1 S E3 AND L2  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) /CN  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) BUTYL  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) BUTYL/CN  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) BUTYL/CN  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) VINYL SULFONYLE  
L13 58715 S ?CARBONIC ACID?/CNS  
L14 2224125 S ?BUTYL?/CNS  
L15 3006258 S ?SULFONYL?/CNS  
L16 134 S L13 AND L14 AND L15  
L17 81044 S ?VINYL?/CNS  
L18 0 S L16 AND L17  
L19 QUE ?ETHOXY?/CNS  
L20 43 S L16 AND L19  
E 2-OXO-1,3-DIOXOLAN-4-YL/CNS  
E (2-OXO-1,3-DIOXOLAN-4-YL) /CN  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) BUTYL PHENYL ES  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL) PHENYL BUTYL ES

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L22 0 S L21  
L23 0 S L21 FUL

FILE 'REGISTRY' ENTERED AT 13:44:43 ON 29 MAY 2009  
L24 0 S L21

FILE 'LREGISTRY' ENTERED AT 13:45:11 ON 29 MAY 2009  
L25 STR L21

FILE 'REGISTRY' ENTERED AT 13:46:15 ON 29 MAY 2009  
L26 6 S L25

FILE 'STNGUIDE' ENTERED AT 13:47:07 ON 29 MAY 2009

FILE 'REGISTRY' ENTERED AT 13:50:36 ON 29 MAY 2009  
E 1,3-DIOXOLAN-2-ONE, 4-(PHENOXYSULFONYL)BUTOXY-/CN

FILE 'LREGISTRY' ENTERED AT 13:54:45 ON 29 MAY 2009  
L27 STR L25

FILE 'REGISTRY' ENTERED AT 13:57:10 ON 29 MAY 2009  
L28 1 S L27  
E CARBONIC ACID, (2-OXO-1,3-DIOXOLAN-4-YL)BUTYL PHENYL ES

FILE 'STNGUIDE' ENTERED AT 14:00:24 ON 29 MAY 2009

FILE 'REGISTRY' ENTERED AT 14:03:10 ON 29 MAY 2009  
E (2-OXO-1,3-DIOXOLAN-4-YL)BUTYL PHENYL CARBONATE/CN

FILE 'LREGISTRY' ENTERED AT 14:07:35 ON 29 MAY 2009  
L29 STR L27

FILE 'REGISTRY' ENTERED AT 14:08:04 ON 29 MAY 2009  
L30 50 S L29  
E C14 H15 O6/MF

L31 3 S E3  
E C11 H17 O6 S/MF  
E C14 H16 O6/MF

L32 1042 S E3

L33 157963 S 16.326.1/RID

L34 6092 S L14 AND L33

L35 QUE 46.150.18/RID

L36 2840 S L34 AND L35

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L37 STR L29

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L38 22 S L37

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L39 STR L37

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L40 0 S L39

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L41 STR L39

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 29 MAY 2009  
L42 0 S L41

FILE 'LREGISTRY' ENTERED AT 14:58:40 ON 29 MAY 2009  
L43 STR L41

FILE 'REGISTRY' ENTERED AT 15:00:26 ON 29 MAY 2009  
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L45 STR L39  
L46 50 S L43  
L47 2618 S L43 FUL  
SAV L47 HEI053/A  
L48 0 S L45 SSS SAM SUB=L47  
L49 1 S L45 SSS FUL SUB=L47  
SAV L49 HEI053A/A

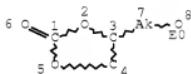
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L50 6 S L49

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L51 STR L45

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L53 0 S L51 SSS FUL SUB=L47

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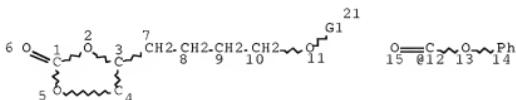
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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
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NUMBER OF NODES IS 8

STEREO ATTRIBUTES: NONE  
L45 STR



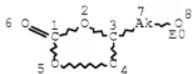
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STEREO ATTRIBUTES: NONE  
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100.0% PROCESSED      1 ITERATIONS      1 ANSWERS  
SEARCH TIME: 00.00.01

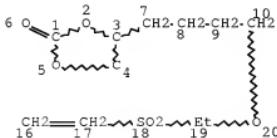
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GRAPH ATTRIBUTES:  
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NUMBER OF NODES IS 8

STEREO ATTRIBUTES: NONE  
L47 2618 SEA FILE=REGISTRY SSS FUL L43  
L51 STR



NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
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NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE  
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100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

=> FIL ZCA  
FILE 'ZCA' ENTERED AT 16:07:01 ON 29 MAY 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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=> D L50 1-6 IBIB ABS HITSTR HITRN RE

L50 ANSWER 1 OF 6 ZCA COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 149:450205 ZCA Full-text  
TITLE: Cleaning detergent for hard surfaces, especially  
for sanitary ceramics  
INVENTOR(S): Ermel, Nadine; Middelhauve, Birgit; Schiedel,  
Marc-Steffen; Lueken, Matthias  
PATENT ASSIGNEE(S): Henkel A.-G. & Co. K.-G.a.A., Germany  
SOURCE: Ger. Offen., 16pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 4  
PATENT INFORMATION:

| PATENT NO.      | KIND | DATE     | APPLICATION NO.      | DATE         |
|-----------------|------|----------|----------------------|--------------|
| -----           | ---- | -----    | -----                |              |
| DE 102007016389 | A1   | 20081009 | DE 2007-102007016389 | 200704<br>03 |
| WO 2008119592   | A1   | 20081009 | WO 2008-EP51793      | 200802<br>14 |

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EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN,  
IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,  
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WO 2008119833

A1 20081009

WO 2008-EP53996

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A1 20081009

WO 2008-EP53997

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PRIORITY APPLN. INFO.:

DE 2007-102007016389A

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DE 2007-102007023871A

200705  
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DE 2007-102007023875A

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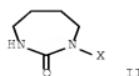
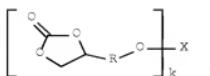
DE 2007-102007038452A

200708  
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DE 2007-102007038482A

200708  
14

GI



AB The title detergent comprises compds. (I) and (II) ( $R = C1-12$  alkyl,  $k > 0$  and  $X =$  polymer rest) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethylenimines. A typical composition comprises 1% I ( $k = 1$ ,  $R = CH_2$  and  $X = CONH(CH_2)_38[CH_2CH(CH_3)O]CH_3$ ), 3% ethoxylated C12 fatty alcs., 2% octylsulfate, 0.3% xanthan gum, 5% citric acid, 3% ethanol, 0.1% a blue dye, 0.2% perfumes and water (balance).

IT 1067428-80-1  
(soilproofing agent precursor; color-protecting laundry detergent  
for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA  
INDEX NAME)



IT 1067428-80-1  
(soilproofing agent precursor; color-protecting laundry detergent  
for washing dyed textiles with dye transfer inhibitor)

RE

- (1) Anon; WO 02072055 A2 ZCA
- (2) Anon; WO 04031111 A1
- (3) Anon; WO 04031167 A1
- (4) Anon; WO 05058863 A1
- (5) Anon; JP 2001049293 A ZCA
- (6) Anon; JP 2001294890 A ZCA
- (7) Anon; JP 2001300286 A ZCA

L50 ANSWER 2 OF 6 ZCA COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 149:450204 ZCA [Full-text](#)

TITLE: Cleaning detergent for hard surfaces, especially  
for sanitary ceramics

INVENTOR(S): Warkotsch, Nadine; Middelhauve, Birgit;

Schiедel, Marc-Steffen; Lueken, Matthias

PATENT ASSIGNEE(S): Henkel A.-G. & Co. K.-G.a.A., Germany

SOURCE: PCT Int. Appl., 30pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE         |
|---------------|------|----------|-----------------|--------------|
| WO 2008119592 | A1   | 20081009 | WO 2008-EP51793 | 200802<br>14 |

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EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN,  
 IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,  
 LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,  
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DE 102007016389 A1 20081009 DE 2007-102007016389

200704

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PRIORITY APPLN. INFO.:

DE 2007-102007016389A

200704

03

OTHER SOURCE(S):

MARPAT 149:450204

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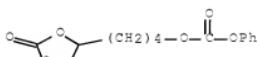
AB The title detergent comprises compds. (I) and (II) ( $R = C1-12$  alkyl,  $k > 0$  and  $X =$  polymer rest) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethylenimines. A typical composition comprises 1% I ( $k = 1$ ,  $R = CH_2$  and  $X = CONH(CH_2)_38[CH_2CH(CH_3)OCH_3]$ ), 3% ethoxylated C12 fatty alcs., 2% octylsulfate, 0.3% xanthan gum, 5% citric acid, 3% ethanol, 0.1% a blue dye, 0.2% perfumes and water (balance).

IT 1067428-80-1

(soilproofing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA INDEX NAME)



IT 1067428-80-1

(soilproofing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

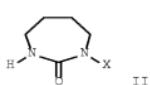
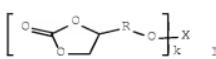
RE

(1) Deutsches Wollforschinst; WO 2005058863 A 2005 ZCA

L50 ANSWER 3 OF 6 ZCA COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 149:427800 ZCA Full-text  
 TITLE: Fixation of aromas from wash and cleaning compositions on hard and soft surfaces, especially on textiles  
 INVENTOR(S): Warkotsch, Nadine; Middelhauve, Birgit;  
 Schiedel, Marc-Steffen; Hilsmann, Juergen  
 PATENT ASSIGNEE(S): Henkel A.-G. & Co. K.-G.a.A., Germany  
 SOURCE: Ger. Offen., 16pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO.       | DATE         |
|--|------|----------|-----------------------|--------------|
| DE 102007016383  | A1   | 20081009 | DE 2007-102007016383  | 200704<br>03 |
| WO 2008119830  | A2   | 20081009 | WO 2008-EP53991       | 200804<br>03 |
| WO 2008119830  | A3   | 20090409 |                       |              |
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|  |      |          | DE 2007-102007023874A | 200705<br>21 |
|  |      |          | DE 2007-102007038453A | 200708<br>14 |

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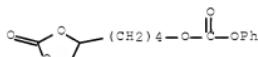
AB A cleaning composition used for fixation odorous substances on solid surfaces and, especially on textiles after washing comprises 0.05 - 5 g/L compds. (I) and (II) ( $R = C1-12$  alkyl,  $k > 0$  and X = polymer rest) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethyleneimines and polysiloxanes. A typical composition comprises 5% ethoxylated C12-18 fatty alcs, 12% ethoxylated C12-14 fatty alcs., 2% C12-14-alkylpolyglycosides, 5% C12-18 fatty acids, 0.2% sodium polyacrylate thickener, 5% glycerol, 1% sodium citrate, 1% I ( $k = 1$ ,  $R = CH_2$ ,  $X = CONH(CH_2)_38[CH_2CH(CH_3)O]CH_3$ }, 3.2% 50% NaOH, 1% perfumes and water (balance).

IT 1067428-80-1

(fixing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA INDEX NAME)



IT 1067428-80-1

(fixing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RE

- (1) Anon; WO 02072055 A2 ZCA
- (2) Anon; WO 04031111 A1
- (3) Anon; WO 04031167 A1
- (4) Anon; WO 05058863 A1
- (5) Anon; DE 19826327 A1 ZCA
- (6) Anon; JP 2001294890 A ZCA
- (7) Anon; WO 9800418 A1 ZCA

L50 ANSWER 4 OF 6 ZCA COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 149:427799 ZCA Full-text

TITLE: Fixation of aromas from wash and cleaning compositions on hard and soft surfaces, especially on textiles

INVENTOR(S): Warkotsch, Nadine; Middelhauve, Birgit; Schiedel, Marc-Steffen; Hilsmann, Juergen

PATENT ASSIGNEE(S): Henkel A.G. & Co. K.-G.a.A., Germany  
SOURCE: PCT Int. Appl., 27pp.

DOCUMENT TYPE: Patent  
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

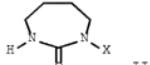
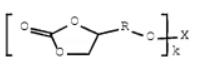
PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE   |
|---------------|------|----------|-----------------|--------|
| -----         | ---- | -----    | -----           | -----  |
| WO 2008119830 | A2   | 20081009 | WO 2008-EP53991 | 200804 |

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| WO 2008119830          | A3   | 20090409 |                       |
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| DE 102007016383        | A1   | 20081009 | DE 2007-102007016383  |
|                        |  |          | 200704<br>03          |
| DE 102007023874        | A1   | 20081127 | DE 2007-102007023874  |
|                        |  |          | 200705<br>21          |
| DE 102007038453        | A1   | 20090219 | DE 2007-102007038453  |
|                        |  |          | 200708<br>14          |
| PRIORITY APPLN. INFO.: |  |          | DE 2007-102007016383A |
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|                        |  |          | DE 2007-102007023874A |
|                        |  |          | 200705<br>21          |
|                        |  |          | DE 2007-102007038453A |
|                        |  |          | 200708<br>14          |

OTHER SOURCE(S):  
GI

MARPAT 149:427799



AB A cleaning composition used for fixation odorous substances on solid surfaces and, especially on textiles after washing comprises 0.05 - 5 g/L polycarbonate-, polyurethane- and/or polyurea-polyorganosiloxanes with a structure element -Y-A-C(:O)-A- (A = S, O and NR1, Y = ≥2 valent Cl-1000 hydrocarbon rest, RI = H or Cl-40 hydrocarbon rest) and compds. (I) and (II) (R = Cl-12 alkyl, k > 0 and X = polymer rest) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethyleneimines and polysiloxanes. A typical composition comprises 5% ethoxylated fatty alcs, 12% ethoxylated

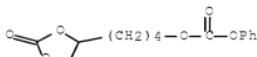
C12-14 fatty alcs., 2% C12-14-alkylpolyglycosides, 5% C12-18 fatty acids, 0.2% sodium polyacrylate thickener, 5% glycerol, 1% sodium citrate, 1% a fixing agent 1% perfumes and water (balance).

IT 1067428-80-1

(fixing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA INDEX NAME)



IT 1067428-80-1

(fixing agent precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

L50 ANSWER 5 OF 6 ZCA COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 149:427796 ZCA Full-text

TITLE: Liquid laundry detergents with graying inhibitors

INVENTOR(S): Warkotsch, Nadine; Middelhauve, Birgit; Schiedel, Marc-Steffen; Eiting, Thomas

PATENT ASSIGNEE(S): Henkel A.-G. & Co. K.-G.a.A., Germany

SOURCE: Ger. Offen., 15pp.

CODEN: GMXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO.        | KIND  | DATE     | APPLICATION NO.        | DATE         |
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| DE 10200707016382 | A1  | 20081009 | DE 2007-10200707016382 | 200704<br>03 |
| WO 2008119831     | A2  | 20081009 | WO 2008-EP53994        | 200804<br>03 |
| WO 2008119831     | A3  | 20090205 |                        |              |
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WO 2008119836

A2

20081009

WO 2008-EP54001

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TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA,  
EP, OA

PRIORITY APPLN. INFO.:

DE 2007-102007016382A

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DE 2007-102007023870A

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DE 2007-102007023872A

200705  
21

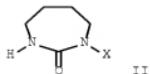
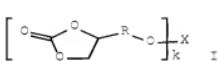
DE 2007-102007038451A

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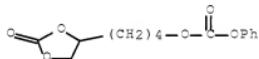
**AB** The title detergent for washing dyed textiles comprises a graying inhibitor (I) and (II) ( $\text{R} = \text{C}1\text{-12 alkyl}$ ,  $k > 0$  and  $\text{X} = \text{polymer rest}$ ) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethylenimines, 10 - 60% ≥2 anionic and nonionic surfactants and other additives. A typical composition comprises 10% sodium salts of C9-13 alkylbenzenesulfonate, 5% ethoxylated sodium laurylsulfate, 10% ethoxylated C12-18 fatty alcs., .% C12-14-alkylpolyglycosides, 8% sodium salts of C12-18 fatty acids, 5% glycerol, 1% trisodium citrate, 2% a polyacrylate thickener, 1% I ( $k = 1$ ,  $\text{R} = \text{CH}_2$ ,  $\text{X} = \text{CONH}(\text{CH}_2)_3\text{CH}_2\text{CH}(\text{CH}_3)\text{O}] \text{CH}_3$ }, enzymes, dyes and water (balance).

IT 1067428-80-1

(graying inhibitor precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA INDEX NAME)



IT 1067428-80-1

(graying inhibitor precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RE

- (1) Anon; WO 02072055 A2 ZCA
- (2) Anon; WO 04031111 A1
- (3) Anon; WO 04031167 A1
- (4) Anon; WO 05058863 A1
- (5) Anon; DE 19826327 A1 ZCA
- (6) Anon; JP 2001049293 A ZCA
- (7) Anon; JP 2001300286 A ZCA
- (8) Anon; WO 9800418 A1 ZCA

L50 ANSWER 6 OF 6 ZCA COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 149:427794 ZCA Full-text

TITLE: Color-protecting laundry detergent for washing

INVENTOR(S): dyed textiles with dye transfer inhibitor  
 Warkotsch, Nadine; Middelhauve, Birgit;  
 Schiedel, Marc-Steffen; Eiting, Thomas  
 PATENT ASSIGNEE(S): Henkel A.-G. & Co. K.-G.a.A., Germany  
 SOURCE: Ger. Offen., 17pp.  
 DOCUMENT TYPE: CODEN: GWXXBX  
 Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

| PATENT NO.   | KIND | DATE     | APPLICATION NO.       | DATE         |
|--|------|----------|-----------------------|--------------|
| DE 102007016391  | A1   | 20081009 | DE 2007-102007016391  | 200704<br>03 |
| WO 2008119832  | A1   | 20081009 | WO 2008-EP53995       | 200804<br>03 |
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| WO 2008119835  | A1   | 20081009 | WO 2008-EP54000       | 200804<br>03 |
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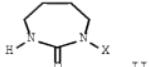
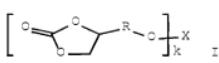
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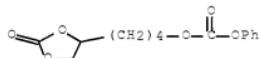
AB A color-protecting laundry detergent for washing dyed textiles comprises 0.01 - 5% a dye transfer inhibitor (I) and (II) ( $R = C1-12$  alkyl,  $k > 0$  and  $X =$  polymer rest) prepared by reacting cyclic carbonates and ureas with containing OH- and primary and secondary amino groups-containing polymers, especially polyethyleneimines. A typical composition comprises 10% ethoxylated C12-18 fatty alcs., 3% C12-14-alkylpolyglycosides, 0.2% a polyacrylate thickener, 3% ethanol, 5% citric acid, 0.4% phosphonic acid, 0.4% I ( $k = 1$ ,  $R = CH2$ ,  $X = CONH(CH2)38[CH2CH(CH3)O]CH3$ }, 3.2% 50% NaOH, 9% propylene glycol, 1% boric acid, 0.003% a silicone defoamer, 1.5% perfumes and water (balance).

IT 1067428-80-1

(dye transfer inhibitor precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RN 1067428-80-1 ZCA

CN Carbonic acid, 4-(2-oxo-1,3-dioxolan-4-yl)butyl phenyl ester (CA INDEX NAME)



IT 1067428-80-1

(dye transfer inhibitor precursor; color-protecting laundry detergent for washing dyed textiles with dye transfer inhibitor)

RE

(1) Anon; WO 05058863 A1

(2) Anon; DE 19826327 A1 ZCA